Bruhat Bangalore Mahanagara Palike
Excecutive Engineer Yelahanka Project Division

Name of work: Modified Estimate for Drilling of Borewells and Providing RO Plants at Dwarakanagara, Palanahalli, Thirumenahalli and Srirampura in Ward No:05

								Estimate cost, Rs		135.00 lakhs	
SL. NO	DESCRIPTION OF WORKS			DIMENSIONS				QUANTITY	UNIT	RATE	AMOUNT
			NO	L	B	D					
	Buiding works										
1	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(b) / 2.3.5										
	RO Plant Building										
	Vinayakanagar										
			2	3.05	1.00	1.00		6.10			
			2	4.90	1.00	1.00		9.80			
	Palanahalli										
			2	3.60	1.00	1.00		7.20			
			2	5.40	1.00	1.00		10.80			
	Dwarakanagar										
			2	3.20	1.00	1.00		6.40			
			2	5.10	1.00	1.00		10.20			
	Shivapura										
			2	3.60	1.00	1.00		7.20			
			2	4.90	1.00	1.00		9.80			
	Bellahalli										
			2	3.60	1.00	1.00		7.20			
			2	4.90	1.00	1.00		9.80			
	Bellahalli										
			2	3.60	1.00	1.00		7.20			
			2	4.90	1.00	1.00		9.80			
	Agrahara layout										
			2	3.45	1.00	1.00		6.90			
			2	6.00	1.00	1.00		12.00			
	Thirumenahalli										
			2	3.20	1.00	1.00		6.40			
			2	4.95	1.00	1.00		9.90			
	Jaigopalgowda, Thanisandra										
			2	3.15	1.00	1.00		6.30			
			2	4.95	1.00	1.00		9.90			
	RO Plant Surround										
	Vinayakanagara										
			1	4.90	1.60	0.25		1.96			
	Palanahalli										
			1	0.75	0.15	0.25		0.03			
			1	6.25	0.35	0.25		0.55			
	Shivapura										
			1	5.00	1.70	0.25		2.13			
	Bellahalli										
			1	4.90	1.65	0.25		2.02			
	Bellahalli										
			1	4.90	1.50	0.25		1.84			
	Agrahara layout										
			1	5.70	1.85	0.25		2.64			
	Thirumenahalli										
			1	4.20	3.30	0.25		3.47			
	Jaigopalgowda, Thanisandra										
			1	4.50	1.50	0.25		1.69			
								169.21	**cum**		
								74.81	**cum**	**325.00**	**24,314.06**

Basic	283.00						94.40	cum	325.00	30,67[illegible]
add 8% Area wt	22.64									
Total	305.64									
Quoted rate	325.00									
11.98% Above rate	342.26									

KSRB 4-1.3 : Providing and laying in position plain cement concrete of mix 1:4:8 with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregtes @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 **P.NO.12.I.NO.4.3**

RO Plant Building										
Vinayakanagar										
			2	3.05	1.00	0.15	0.92			
			2	4.90	1.00	0.15	1.47			
Palanahalli										
			2	3.60	1.00	0.15	1.08			
			2	5.40	1.00	0.15	1.62			
Dwarakanagar										
			2	3.20	1.00	0.15	0.96			
			2	5.10	1.00	0.15	1.53			
Shivapura										
			2	3.60	1.00	0.15	1.08			
			2	4.90	1.00	0.15	1.47			
Bellahalli										
			2	3.60	1.00	0.15	1.08			
			2	4.90	1.00	0.15	1.47			
Bellahalli										
			2	3.60	1.00	0.15	1.08			
			2	4.90	1.00	0.15	1.47			
Agrahara layout										
			2	3.45	1.00	0.15	1.04			
			2	6.00	1.00	0.15	1.80			
Thirumenahalli										
			2	3.20	1.00	0.15	0.96			
			2	4.95	1.00	0.15	1.49			
Jaigopalgowda, Thanisandra										
			2	3.15	1.00	0.15	0.95			
			2	4.95	1.00	0.15	1.49			
RO Plant Surround										
Vinayakanagara										
			1	4.90	1.60	0.15	1.18			
Palanahalli										
			1	0.75	0.15	0.15	0.02			
			1	6.25	0.35	0.15	0.33			
Shivapura										
			1	5.00	1.70	0.15	1.28			
Bellahalli										
			1	4.90	1.65	0.15	1.21			
Bellahalli										
			1	4.90	1.50	0.15	1.10			
Agrahara layout										
			1	5.70	1.85	0.15	1.58			
Thirumenahalli										
			1	4.20	3.30	0.15	2.08			
Jaigopalgowda, Thanisandra										
			1	4.50	1.50	0.15	1.01			
							32.72			
							18.56	**cum**	**6000.0**	**111375.00**
Basic	4,867.00						**14.16**	**cum**	**5886.07**	**83329.12**
add 8% Area wt	389.36									
Total	5,256.36									

Quoted rate	6000.0									
11.98% Above rate	5,886.07									
KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. **KBS 5.1.13 P.NO.23.I.NO.5.6**										
RO Plant Building										
Vinayakanagar										
			2	3.05	0.60	0.80	2.93			
			2	4.90	0.60	0.80	4.70			
Palanahalli										
			2	3.60	0.60	0.80	3.46			
			2	5.40	0.60	0.80	5.18			
Dwarakanagar										
			2	3.20	0.60	0.80	3.07			
			2	5.10	0.60	0.80	4.90			
Shivapura										
			2	3.60	0.60	0.80	3.46			
			2	4.90	0.60	0.80	4.70			
Bellahalli										
			2	3.60	0.60	0.80	3.46			
			2	4.90	0.60	0.80	4.70			
Bellahalli										
			2	3.60	0.60	0.80	3.46			
			2	4.90	0.60	0.80	4.70			
Agrahara layout										
			2	3.45	0.60	0.80	3.31			
			2	6.00	0.60	0.80	5.76			
Thirumenahalli										
			2	3.20	0.60	0.80	3.07			
			2	4.95	0.60	0.80	4.75			
Jaigopalgowda, Thanisandra										
			2	3.15	0.60	0.80	3.02			
			2	4.95	0.60	0.80	4.75			
							73.39			
							38.48	**cum**	**5000.00**	**192375.00**
Basic	4,187.00						**34.92**	**cum**	**5000.00**	**174585.00**
add 8% Area wt	334.96									
Total	4,521.96									
Quoted rate	5000.00									
11.98% Above rate	5,063.69									
KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. **KBS 5.1.13 P.NO.23.I.NO.5.9**										
RO Plant Building										
Vinayakanagar										
			2	3.05	0.45	0.40	1.10			
			2	4.90	0.45	0.40	1.76			
Palanahalli										
			2	3.60	0.45	0.40	1.30			
			2	5.40	0.45	0.40	1.94			
Dwarakanagar										
			2	3.20	0.45	0.40	1.15			
			2	5.10	0.45	0.40	1.84			
Shivapura										
			2	3.60	0.45	0.40	1.30			
			2	4.90	0.45	0.40	1.76			
Bellahalli										
			2	3.60	0.45	0.40	1.30			
			2	4.90	0.45	0.40	1.76			
Bellahalli										

			2	3.60	0.45	0.40	1.30			
			2	4.90	0.45	0.40	1.76			
Agrahara layout										
			2	3.45	0.45	0.40	1.24			
			2	6.00	0.45	0.40	2.16			
Thirumenahalli										
			2	3.20	0.45	0.40	1.15			
			2	4.95	0.45	0.40	1.78			
Jaigopalgowda, Thanisandra										
			2	3.15	0.45	0.40	1.13			
			2	4.95	0.45	0.40	1.78			
Flagging coarse										
Palanahalli			2	6.25	0.40	0.40	2.00			
							29.52			
							14.29	**cum**	**6000.00**	**85725.00**
Basic	5,005.00						**15.23**	**cum**	**6000.00**	**91407.00**
add 8% Area wt	400.40									
Total	5,405.40									
Quoted rate	6000									
11.98% Above rate	6,052.97									

KSRB 4-1.6 ; Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates :@0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation,plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 **P.NO.12.I.NO.4.6**

RO Plant Building										
Vinayakanagar										
			2	3.05	0.45	0.10	0.27			
			2	4.90	0.45	0.10	0.44			
Palanahalli										
			2	3.60	0.45	0.10	0.32			
			2	5.40	0.45	0.10	0.49			
Dwarakanagar										
			2	3.20	0.45	0.10	0.29			
			2	5.10	0.45	0.10	0.46			
Shivapura										
			2	3.60	0.45	0.10	0.32			
			2	4.90	0.45	0.10	0.44			
Bellahalli										
			2	3.60	0.45	0.10	0.32			
			2	4.90	0.45	0.10	0.44			
Bellahalli										
			2	3.60	0.45	0.10	0.32			
			2	4.90	0.45	0.10	0.44			
Agrahara layout										
			2	3.45	0.45	0.10	0.31			
			2	6.00	0.45	0.10	0.54			
Thirumenahalli										
			2	3.20	0.45	0.10	0.29			
			2	4.95	0.45	0.10	0.45			
Jaigopalgowda, Thanisandra										
			2	3.15	0.45	0.10	0.28			
			2	4.95	0.45	0.10	0.45			
RO Plant Surround										
Vinayakanagara										
			1	4.90	1.60	0.10	0.78			
Palanahalli										
			1	0.75	0.15	0.10	0.01			
			0.5	6.25	0.35	0.10	0.11			
Dwarakanagar										
			1	2.90	3.20	0.10	0.93			

Shivapura										
			1	5.00	1.70	0.10	0.85			
Bellaha										
			1	4.90	1.65	0.10	0.81			
Bellahalli										
			1	4.90	1.65	0.10	0.81			
Agrahara layout										
			1	5.70	1.85	0.10	1.05			
Thirumenahalli										
			1	4.20	3.30	0.10	1.39			
Jaigopalgowda, Thanisandra										
			1	4.50	1.50	0.10	0.68			
Flagging coarse										
Palanahalli			2	6.25	0.40	0.10	0.50			
							14.80			
							4.73	**cum**	**6500.0**	**30712.50**
Basic	5,441.00						**10.07**	**cum**	**6500.00**	**65459.06**
add 8% Area wt	435.28									
Total	5,876.28									
Quoted rate	6500.0									
11.98% Above rate	6,580.26									
KSRB 4.2.2 : Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.69cum and fine aggregtes @ 0.460cum, with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works in foundationfor footing ,pedestals ,retaining walls ,retern walls , walls (any thickness) including attached plasters, columns, pillars, posts, struts, buttresses, bed blocks, anchor blocks, and plinth etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications. Specification No. KBS 4.1, 4.6 P.NO. 13 I NO 4.11										
RO Plant Building										
Plinth										
Vinayakanagar										
			2	3.10	0.45	0.15	0.42			
			2	4.90	0.45	0.15	0.66			
Palanahalli										
			2	3.20	0.45	0.15	0.43			
			2	5.40	0.45	0.15	0.73			
Dwarakanagar										
			2	2.80	0.45	0.15	0.38			
			2	5.10	0.45	0.15	0.69			
Shivapura										
			2	3.20	0.45	0.15	0.43			
			2	4.90	0.45	0.15	0.66			
Bellahalli										
			2	3.00	0.45	0.15	0.41			
			2	4.90	0.45	0.15	0.66			
Bellahalli										
			2	3.00	0.45	0.15	0.41			
			2	4.90	0.45	0.15	0.66			
Agrahara layout										
			2	3.10	0.45	0.15	0.42			
			2	6.00	0.45	0.15	0.81			
Thirumenahalli										
			2	2.80	0.45	0.15	0.38			
			2	4.95	0.45	0.15	0.67			
Jaigopalgowda, Thanisandra										
			2	2.70	0.45	0.15	0.36			
			2	4.95	0.45	0.15	0.67			
							9.84			
							5.51	**cum**	**7000.0**	**38587.50**
Basic	6,011.00						**4.33**	**cum**	**7000.00**	**30303.00**
Add 8% Area weightage	480.88									
Total	6,491.88									

Quoted rate	7000.0									
11.98% Above rate	7,269.61									
KSRB 4.9.2 : Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 TMT Bar Fe 500 P.NO.17.I.NO.4.46.2										
concrete qty.vide item no 6				9.84			639.70			
							0.64			
							0.34	MT	70000.0	**23,625.00**
Basic	60,607.00						0.30	MT	70,000.00	**21,153.83**
add 8% Area wt	4,848.56									
Total	65,455.56									
Quoted rate	70000.0									
11.98% Above rate	73,297.14									
KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 5.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4.P.NO.25.I.NO.5.27.2										
RO Plant Building										
Vinayakanagar										
			2	3.05		3.55	21.66			
			2	4.90		3.55	34.79			
Pallanahalli										
			2	3.10		3.55	22.01			
			2	5.40		3.55	38.34			
Dwarakanagar										
			2	2.70		3.55	19.17			
			2	5.10		3.55	36.21			
Shivapura										
			2	3.10		3.55	22.01			
			2	4.90		3.55	34.79			
Bellahalli										
			2	2.90		3.55	20.59			
			2	4.90		3.55	34.79			
Bellahalli										
			2	2.90		3.55	20.59			
			2	4.90		3.55	34.79			
Agrahara layout										
			2	3.00		3.55	21.30			
			2	6.00		3.55	42.60			
Thirumenahalli										
			2	2.70		3.55	19.17			
			2	4.95		3.55	35.15			
Jaigopalgowda, Thanisandra										
			2	2.60		3.55	18.46			
			2	4.95		3.55	35.15			
Deduct for Shutters			-8	2.40		2.10	-40.32			
Deduct for Windows			-8	1.00		1.40	-11.20			
Steps										
Vinayakanagar										
			2	2.50		0.40	2.00			
Pallanahalli										
			1	2.50		0.40	1.00			
Dwarakanagar										
			1	2.50		0.40	1.00			
Shivapura										
			1	2.50		0.40	1.00			
Bellahalli										
			2	2.50		0.40	2.00			

Bellahalli										
			1	2.50		0.40	1.00			
Agrahara layout										
			1	2.50		0.40	1.00			
Thirumenahalli										
			1	2.50		0.40	1.00			
Jaigopalgowda, Thanisandra										
			1	2.50		0.40	1.00			
							471.04			
							327.60	**sqm**	**1200.0**	**393120.00**
Basic	831.00						**143.44**	**sqm**	**1005.00**	**144151.90**
add 8% Area wt	66.48									
Total	897.48									
Quoted rate	1200.0									
11.98% Above rate	1,005.00									
KSRB15-3.10 : Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications.cement mortor 1:6, P.NO.113.I.NO.15.20										
RO Plant Building										
Internal plastering										
Vinayakanagar										
			2	3.10		3.55	22.01			
			2	4.50		3.55	31.95			
Palanahalli										
			2	3.20		3.55	22.72			
			2	5.00		3.55	35.50			
Dwarakanagar										
			2	2.80		3.55	19.88			
			2	4.70		3.55	33.37			
Shivapura										
			2	3.20		3.55	22.72			
			2	4.50		3.55	31.95			
Bellahalli										
			2	3.00		3.55	21.30			
			2	4.50		3.55	31.95			
Bellahalli										
			2	3.00		3.55	21.30			
			2	4.50		3.55	31.95			
Agrahara layout										
			2	3.10		3.55	22.01			
			2	5.60		3.55	39.76			
Thirumenahalli										
			2	2.80		3.55	19.88			
			2	4.55		3.55	32.31			
Jaigopalgowda, Thanisandra										
			2	2.70		3.55	19.17			
			2	4.55		3.55	32.31			
Deduct for Shutters			-8	2.40		2.10	-40.32			
Deduct for Windows			-8	1.00		1.40	-11.20			
External plastering										
Vinayakanagar										
			2	3.05		3.55	21.66			
			2	4.90		3.55	34.79			
Palanahalli										
			2	3.60		3.55	25.56			
			2	5.40		3.55	38.34			
Dwarakanagar										
			2	3.20		3.55	22.72			
			2	5.10		3.55	36.21			
Shivapura										

			2	3.60		3.55	25.56			
			2	4.90		3.55	34.79			
Bellah										
			2	3.60		3.55	25.56			
			2	4.90		3.55	34.79			
Bellahalli										
			2	3.60		3.55	25.56			
			2	4.90		3.55	34.79			
Agrahara layout										
			2	3.45		3.55	24.50			
			2	6.00		3.55	42.60			
Thirumenahalli										
			2	3.20		3.55	22.72			
			2	4.95		3.55	35.15			
aigopalgowda, Thanisandra										
			2	3.15		3.55	22.37			
			2	4.95		3.55	35.15			
Deduct for Shutters			-8	2.40		2.10	-40.32			
Deduct for Windows			-8	1.00		1.40	-11.20			
							931.79			
							694.01	**sqm**	**250.0**	**173503.13**
Basic	208.00						**237.77**	**sqm**	**250.0**	**59443.12**
Add 8% Area wt	16.64									
Total	224.64									
Quoted rate	250.0									
0.38% Above rate	251.55									
50mm dia M.S.Hallow pipes B class 14 gauge P.NO.X.SL.NO 286										
RO Plant Unit										
Vinayakanagar			1	4.80			4.80			
Pallanahalli			1	5.40			5.40			
Dwarakanagar			1	3.20			3.20			
Shivapura			1	4.90			4.90			
Bellahalli			1	4.90			4.90			
Bellahalli			1	4.90			4.90			
Agrahara layout			1	6.00			6.00			
Thirumenahalli			1	5.00			5.00			
aigopalgowda, Thanisandra			1	5.00			5.00			
							44.10	**m**		
					2.47kg/m		**108.93**			
							108.93	**Kgs**	**75.0**	**8169.53**
Quoted rate	75.0									
PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Allu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses.P.NO.291.I.NO.38.30										
RO Plant Unit										
Vinayakanagar			1	4.00	4.80		19.20			
Pallanahalli			1	4.00	5.40		21.60			
Dwarakanagar			1	3.10	5.50		17.05			
Shivapura			1	4.00	4.90		19.60			
Bellahalli			1	4.00	4.90		19.60			
Bellahalli			1	4.00	4.90		19.60			
Agrahara layout			1	4.00	6.00		24.00			
Thirumenahalli			1	3.20	5.50		17.60			
aigopalgowda, Thanisandra			1	3.50	5.00		17.50			
							175.75			
							158.63	**sqm**	**1200.0**	**190350.00**
Basic	985.00						**17.13**	**sqm**	**1191.24**	**20400.04**
Add 8% Area wt	78.80									
Total	1,063.80									

Quoted rate	1200.0									
11.98% Above rate	1,191.24									

Mineral Fiber false ceiling Providing and laying of world class mineral acoustic ceiling panels of as per the following specification:- Tile of approved make Mineral Acoustic ceiling panels of size 595x595mm-12mm thick suitable for use in smears up to 40 C and RH 70UR as per manufacturer. Tile have 15 min fire retardant and does not contain asbestos/urea formaldehyde, Technical details of New Modena are- Thermal conductivity Non-disposable, Light Reflection 80% fire resistance Non-resistance Non-disposable. Mineral fiber ceiling panels are placed inside the grid work. P,.NO 313 I.NO.39.12.1

		0.00	1.00	4.30	2.60		**0.00**			
Basic	2,100.00						**0.00**	**sqm**	**2500.0**	**0.00**
add 8% Area wt	126.00									
Total	2,226.00									
Quoted rate	2500.0									

KSRB 7.17 : Providing, fabricating, assembling and fixing in position aluminium doors using following aluminium mat finish or glossy finish, outer frame plain section 101.6x44.45mm thickness 3.18mm, section weight 2.404 kg/m, door shutters vertical section 44.62x44.45mm thickness 3.18mm, section weight 1.505kg/m, top section 47.62x44.45mm thickness 3.00mm, section weight 1.426kg/m bottom section 114.3x44.45 thickness 3.18mm, section weight 2.646kg/m, door central section 46.91x44.45mm thickness 3.00mm, section weight 1.495 kg/m glazing clips 19x17.3x11mm thickness 0.9mm section weight 0.124kg/m; aluminium sections cut to length joint metred cornersgrinded, the shutters pivoted opening arrangement with heavy duty aluminium alloy automatic door closures floor mounted, providing and fixing standard approved accessories, such as aluminium handle for full width or length, tower bolts, lock, pivots: P.V.C. or rubber gasket with 5.5m. thick plain glass for top and bottom panel; aluminium sections treated for removal of any rust and prevention of further rust formation, and coated with greasy materials for non-adherance of mortars or any other sticky materials; the assembled frame fitted with the corner angles, strips and fitted with screws, rawl plugs or teakwood gutties to R.C.C. columns or masonry on sides. beams and flooring in bottom. including cutting, chistling and making good with cement mortar to match the surface; all the frames throughly cleaned free from rust, scale, or dirt including cost of materials, fixtures, labour and HOM of machinery complete as per specifications. section anodized to 12-15 micronsP.NO.37.I.NO.7.17.1

RO Plant Unit										
Entry										
Vinayakanagar			1	2.80	2.10		5.88			
Palanahalli			1	3.00	2.10		6.30			
Dwarakanagar			1	3.00	2.10		6.30			
Bhivapura			1	2.80	2.10		5.88			
Bellahalli			1	2.80	2.10		5.88			
Bellahalli			1	2.80	2.10		5.88			
Agrahara layout			1	2.80	2.10		5.88			
Thirumenahalli			1	2.80	2.10		5.88			
Jaigopalgowda, Thanisandra			1	2.80	2.10		5.88			
Window										
Vinayakanagar			1	1.00	1.40		1.40			
Palanahalli			1	1.00	1.40		1.40			
Dwarakanagar			1	1.00	1.40		1.40			
Bhivapura			1	1.00	1.40		1.40			
Bellahalli			1	1.00	1.40		1.40			
Bellahalli			1	1.00	1.40		1.40			
Agrahara layout			1	1.00	1.40		1.40			
Thirumenahalli			1	1.00	1.40		1.40			
Jaigopalgowda, Thanisandra			1	1.00	1.40		1.40			
Basic	6,221.00						**66.36**	**sqm**	**7010.0**	**465183.60**
add 8% Area weightage	497.68									
Total	6,718.68									
Quoted rate	7010.0									

Providing flooring with 60 cms.x 60 cms. size Vitrified glazed tiles of approved quality & make, fixed on top of existing flooring fixed with suitable adhesive, including cutting the tiles to the required size and fixing etc., complete. P.NO.107.I.NO.14.44

RO Plant Building										
Vinayakanagar										
			1	3.10	4.50		13.95			
Palanahalli										
			1	3.20	5.00		16.00			
Dwarakanagar										
			1	2.80	4.70		13.16			
Bhivapura										
			1	3.20	4.50		14.40			

Bellahalli										
			1	3.00	4.50		13.50			
Bellahalli										
			1	3.00	4.50		13.50			
Agrahara layout										
			1	3.10	5.60		17.36			
Thirumenahalli										
			1	2.80	4.55		12.74			
Jaigopalgowda, Thanisandra										
			1	2.70	4.55		12.29			
Skirting										
Vinayakanagar										
			2	3.10		0.10	0.62			
			2	4.50		0.10	0.90			
Pallanahalli										
			2	3.20		0.10	0.64			
			2	5.00		0.10	1.00			
Dwarakanagar										
			2	2.80		0.10	0.56			
			2	4.70		0.10	0.94			
Shivapura										
			2	3.20		0.10	0.64			
			2	4.50		0.10	0.90			
Bellahalli										
			2	3.00		0.10	0.60			
			2	4.50		0.10	0.90			
Bellahalli										
			2	3.00		0.10	0.60			
			2	4.50		0.10	0.90			
Agrahara layout										
			2	3.10		0.10	0.62			
			2	5.60		0.10	1.12			
Thirumenahalli										
			2	2.80		0.10	0.56			
			2	4.55		0.10	0.91			
Jaigopalgowda, Thanisandra										
			2	2.70		0.10	0.54			
			2	4.55		0.10	0.91			
Deduct for Shutters			-8	2.40		0.10	-1.92			
Basic	1,026.00						**138.84**	**sqm**	**1250.0**	**173543.75**
Add 8% Area wt	82.08									
Total	1,108.08									
Quoted rate	1250.0									
ISRB 7.5 : Providing and fixing pull and push type rolling shutters of approved make out of 18 guage, 75mm wide cold rolled steel laths of convex corrugation, with side guides and bottom rail, with interlocking arrangements for steel laths by means of alternate clips, suspension shaft with High tension coil type springs two numbers, mounted on specially designed pipe shaft, with bracket plates, guide channels, ball bearing arrangements, for inside & outside locking with push & pull operations complete including pulling hooks, 4Nos. handles with all fittings and accessories, painted with a coat of red lead paint (without top cover) cost of materials, labour, HOM of machinery complete as per specifications. Shutter size 3mx2.8 m Specification as KBS 7.10 / 7.12 P.NO.31.I.NO.7.5										
KC Plant Unit										
Vinayakanagar			1	2.40	2.10		5.04			
Pallanahalli			1	2.40	2.10		5.04			
Dwarakanagar			1	2.40	2.10		5.04			
Shivapura			1	2.40	2.10		5.04			
Bellahalli			1	2.40	2.10		5.04			
Bellahalli			1	2.40	2.10		5.04			
Agrahara layout			1	2.40	2.10		5.04			
Thirumenahalli			1	2.40	2.10		5.04			
Jaigopalgowda, Thanisandra			1	2.40	2.10		5.04			
Basic	2,862.00						**45.36**	**sqm**	**3500.0**	**158760.00**
Add 8% Area wt	171.72									
Total	3,033.72									

Ducted rate	3500.0									
Providing and laying flooring using prepolished, water cut/ gang saw 19mm thick granite laid over bed of 20mm thick CM 1:4 and jointed with neat cement slurry mixed with pigments to match shade of granite slabs including laying of POP on finished surface and claning the surface including cost of all meterials and labour etc, complete as per specifications.using solver grey granite/multy red/ruby red/black/Hassan green granite of width not less than 1200mm, mm.P.NO.107.I.NO.14.47.1										
Steps										
Ainayakanagar										
			1	2.65		0.30	0.80			
			1	2.65		0.15	0.40			
			1	0.30		0.15	0.05			
			1	0.50		0.42	0.21			
			1	0.50		0.15	0.08			
			1	0.42		0.15	0.06			
Pillanahalli										
			1	2.70		0.30	0.81			
			1	2.70		0.15	0.41			
			1	0.30		0.15	0.05			
Dwarakanagar										
			1	2.90		0.30	0.87			
			1	2.90		0.15	0.44			
			1	0.42		0.48	0.20			
			1	0.42		0.15	0.06			
			1	0.48		0.15	0.07			
Bhuvapura										
			1	3.10		0.30	0.93			
			1	3.10		0.15	0.47			
Bellahalli										
			1	3.00		0.37	1.11			
			1	0.10		3.50	0.35			
			1	0.15		3.00	0.45			
			1	0.47		0.50	0.24			
			1	0.50		0.15	0.08			
			1	0.47		0.15	0.07			
Bellahalli										
			1	3.00		0.37	1.11			
			1	0.10		3.50	0.35			
			1	0.15		3.00	0.45			
			1	0.47		0.50	0.24			
			1	0.50		0.15	0.08			
			1	0.47		0.15	0.07			
Agrahara layout										
			1	3.30		0.38	1.25			
			1	3.30		0.15	0.50			
			1	0.10		3.30	0.33			
			1	0.38		0.15	0.06			
			1	0.45		0.54	0.24			
			2	0.54		0.18	0.19			
			2	0.45		0.15	0.14			
Thirumenahalli										
			1	3.45		0.45	1.55			
			1	0.25		3.45	0.86			
			1	3.20		0.20	0.64			
Jaigopalgowda, Thanisandra										
			1	3.00		0.30	0.90			
			1	3.00		0.15	0.45			
			1	0.38		0.15	0.06			
			1	0.45		0.30	0.14			
Basic	2,619.00						**17.77**	**sqm**	**3000.0**	**53305.50**
ost 8% Area wt	209.52									
Total	2,828.52									
Ducted rate	3000.0									

KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications, with primer P.NO.117.I.NO.15.53.2

RO Plant Building										
Internal painting										
Vinayakanagar										
			2	3.10		3.55	22.01			
			2	4.50		3.55	31.95			
Pillanahalli										
			2	3.20		3.55	22.72			
			2	5.00		3.55	35.50			
Dwaraka nagar										
			2	2.80		3.55	19.88			
			2	4.70		3.55	33.37			
Shivapura										
			2	3.20		3.55	22.72			
			2	4.50		3.55	31.95			
Bellahalli										
			2	3.00		3.55	21.30			
			2	4.50		3.55	31.95			
Bellahalli										
			2	3.00		3.55	21.30			
			2	4.50		3.55	31.95			
Agrahara layout										
			2	3.10		3.55	22.01			
			2	5.60		3.55	39.76			
Thirumenahalli										
			2	2.80		3.55	19.88			
			2	4.55		3.55	32.31			
Jaigopalgowda, Thanisandra										
			2	2.70		3.55	19.17			
			2	4.55		3.55	32.31			
Deduct for Shutters			-8	2.40		2.10	-40.32			
Deduct for Windows			-8	1.00		1.40	-11.20			
External painting										
Vinayakanagar										
			2	3.05		3.55	21.66			
			2	4.90		3.55	34.79			
Pillanahalli										
			2	3.60		3.55	25.56			
			2	5.40		3.55	38.34			
Dwaraka nagar										
			2	3.20		3.55	22.72			
			2	5.10		3.55	36.21			
Shivapura										
			2	3.60		3.55	25.56			
			2	4.90		3.55	34.79			
Bellahalli										
			2	3.60		3.55	25.56			
			2	4.90		3.55	34.79			
Bellahalli										
			2	3.60		3.55	25.56			
			2	4.90		3.55	34.79			
Agrahara layout										
			2	3.45		3.55	24.50			
			2	6.00		3.55	42.60			
Thirumenahalli										
			2	3.20		3.55	22.72			
			2	4.95		3.55	35.15			
Jaigopalgowda, Thanisandra										

			2	3.15		3.55	22.37			
			2	4.95		3.55	35.15			
Deduct for Shutters			-8	2.40		2.10	-40.32			
Deduct for Windows			-8	1.00		1.40	-11.20			
							931.79			
							694.01	**sqm**	**100.0**	**69401.25**
							237.77	**sqm**	**95.54**	**22717.10**
Basic	79.00									
Add 8% Area wt	6.32									
Total	85.32									
Quoted rate	100.0									
11.38% Above rate	95.54									
KSHB 15-18.2 : Providing and applying enamel metal paint two coats (excluding priming coat) over new steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications.P.NO.120.I.NO15.74										
Rolling shutter										
Vinayakanagar			2.5	2.40	2.10		12.60			
Kalamahalli			2.5	2.40	2.10		12.60			
Swamikanagar			2.5	2.40	2.10		12.60			
Shivapura			2.5	2.40	2.10		12.60			
Bellahalli			2.5	2.40	2.10		12.60			
Bellahalli			2.5	2.40	2.10		12.60			
Agrahara layout			2.5	2.40	2.10		12.60			
Thirumenahalli			2.5	2.40	2.10		12.60			
Jagadeepalgowda, Thanisandra			2.5	2.40	2.10		12.60			
Basic	82.00						**113.40**	**sqm**	**100.0**	**11340.00**
Add 8% Area wt	6.56									
Total	88.56									
Quoted rate	100.0									
Conveying the excavated earth by private vehicle up to 15KMS including lead and lift loading unloading etc., complete.										
Provide item no 1,							**169.21**			
							59.85	**cum**	**125.00**	**7481.25**
							109.36	**cum**	**125.00**	**13669.69**
Quoted rate	125.00									
Total	116.00									
11.38% Above rate	129.90									
Supplying water storage tanks made of virgin polymer (LLDPE) with two layers outer Black or Blue and inner White layer of approved quality and make, conforming to I.S.I./ISO/SSI specifications. P.NO.258.I.NO.37.58										
RO Plant Unit										
Vinayakanagar			2	1000.00			2000.00			
Kalamahalli			2	1000.00			2000.00			
Swamikanagar			2	1000.00			2000.00			
Shivapura			2	1000.00			2000.00			
Bellahalli			2	1000.00			2000.00			
Bellahalli			2	1000.00			2000.00			
Agrahara layout			2	1000.00			2000.00			
Thirumenahalli			2	1000.00			2000.00			
Jagadeepalgowda, Thanisandra			2	1000.00			2000.00			
Basic	6.00						**18000.00**	**litre**	**10.0**	**180000.00**
Add 8% Area wt	0.48									
Total	6.48									
Quoted rate	10.0									
Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.)25MM dia. P.NO.96.I.NO.13.86.3										
RO Plant Unit										
Vinayakanagar			1	35.00			35.00			
Kalamahalli			1	40.00			40.00			

Dwarakanagar			1	32.00			32.00			
Shivapura			1	42.00			42.00			
Bellahalli			1	36.00			36.00			
Bellahalli			1	36.00			36.00			
Agrahara layout			1	34.00			34.00			
Thirumenahalli			1	30.00			30.00			
Gopalgowda, Thanisandra			1	39.00			39.00			
Basic	250.00						**324.00**	**m**	**280.0**	**90720.00**
Add 8% Area wt	20.00									
Total	270.00									
Quoted rate	280.0									
KSRB13-6.3-3 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3 P.NO.91.I.NO.13.34										
RO Plant Unit										
Vinayakanagar			3				3.00			
Thirumenahalli			3				3.00			
Dwarakanagar			3				3.00			
Shivapura			3				3.00			
Bellahalli			3				3.00			
Bellahalli			3				3.00			
Agrahara layout			3				3.00			
Thirumenahalli			3				3.00			
Gopalgowda, Thanisandra			3				3.00			
Basic	600.00						**27.00**	**each**	**670.0**	**18090.00**
Add 8% Area wt	48.00									
Total	648.00									
Quoted rate	670.0									
				R.O.Plant						
RO SS 202, PUMP CRI1HP, VESSEL-1354 PENTAIR, PRESSURE GAZE GRIGS NORMAL, MPV-1"NB FRONT FACE FILTER, HOUSING 20"JUMBO-1", SPUN 20 JUMBO, PUMP CRI 2 -180-3, PT-8040 FRP PANTHER, MEMBRANE DOW 8040, CONTROLL PANNEL 1X3 (SUPER), ROTAMETER 120-1680 ACRYLIC, ROTAMETER 400-2000 ACRYLIC, PRESSURE GAZE GLYSERINE - FRP PANTHER, BRINE CON VALVE 3/4, ACRYLIC SHEET, LPS DENFOS, HPS DENFOS, DOSINGPUMP DOSE, SAND, CHEEPS, ACTIVATED CARBON INDUSTRIAL, ANTI DOSING CHEMICAL, HANDLE VALVE, ASSEMBLING AND COMMISSIONING, TANK SS304 1000LTR										
RO Plant Unit										
Vinayakanagar			1				1.00			
Thirumenahalli			1				1.00			
Dwarakanagar			1				1.00			
Shivapura			1				1.00			
Bellahalli			1				1.00			
Bellahalli			1				1.00			
Agrahara layout			1				1.00			
Thirumenahalli			1				1.00			
Gopalgowda, Thanisandra			1				1.00			
							9.00	**nos**	**555000.0**	**4995000.00**
Quoted rate	555000.0									
			ELECTRIFICATION WORKS							
Open conduit System: Supplying heavy gauge PVC conduit pipe .....dia confirming to IS 2509 with suitable size bends, lugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering damaged portion using heavy gauge saddles at an interval of 700mm using WF screws.a) 19/25 mm dia 2mm thick chaper - P.NO 2 I.NO.1.1.1										
ED Plant Unit										
Vinayakanagar			1	42.00			42.00			
Thirumenahalli			1	45.00			45.00			
Dwarakanagar			1	40.00			40.00			
Shivapura			1	46.00			46.00			
Bellahalli			1	38.00			38.00			
Bellahalli			1	38.00			38.00			
Agrahara layout			1	43.00			43.00			
Thirumenahalli			1	45.00			45.00			
Gopalgowda, Thanisandra			1	38.00			38.00			

							375.00	mts	65.00	24375.00
Quoted rate	65									
Supplying and flush mounting teak wooden box without front plank, made of not less than 15mm thick wood, after due groove cutting, necessary masonry patch work complete. d)8"x6"x3"(203x152x76mm) chaper-1 P.NO.44.I.NO 6.6.1										
RC Plant Unit										
Vinayakanagar			1	3.00			3.00			
Pulanahalli			1	3.00			3.00			
Dwarakanagar			1	3.00			3.00			
Shivapura			1	3.00			3.00			
Bellahalli			1	3.00			3.00			
Bellahalli			1	3.00			3.00			
Agrahara layout			1	3.00			3.00			
Thirumenahalli			1	3.00			3.00			
Gopalgowda, Thanisandra			1	3.00			3.00			
							27.00	each	85.00	2295.00
Quoted rate	85									
Point wiring using copper wire with switch Supplying and wiring adopting loop system in existing PVC Conduit/casing caping using Copper PVC insulated multi strand 2x1.5Sqmm copper wire with a 6Amps flush type SP control switch shall be fixied on the exisiting plastic sheet /gang box, the pther end of the wires shall be terminated with sufficient loose length in a wood/PVC round block.complete for each outlet. I. Point wiring using class A materials a) Short point upto 3Mtr from tapping point to out let via switch chaper-1 P.NO.5.I.NO 2.1.1										
RC Plant Unit										
Vinayakanagar			1				1.00			
Pulanahalli			1				1.00			
Dwarakanagar			1				1.00			
Shivapura			1				1.00			
Bellahalli			1				1.00			
Bellahalli			1				1.00			
Agrahara layout			1				1.00			
Thirumenahalli			1				1.00			
Gopalgowda, Thanisandra			1				1.00			
							9.00	each	200.00	1800.00
Quoted rate	200									
b) Medium point above 3Mtr upto 6Mtr from tapping pointr to out let viaswitch P.NO.5.I.NO 2.1.2										
RC Plant Unit										
Vinayakanagar			1				1.00			
Pulanahalli			1				1.00			
Dwarakanagar			1				1.00			
Shivapura			1				1.00			
Bellahalli			1				1.00			
Bellahalli			1				1.00			
Agrahara layout			1				1.00			
Thirumenahalli			1				1.00			
Gopalgowda, Thanisandra			1				1.00			
							9.00	each	300.00	2700.00
Quoted rate	300									
c)Long point above 6Mtr upto 10Mtr from tapping point to out let via switch P.NO.5.I.NO 2.1.3										
RC Plant Unit										
Vinayakanagar			1	4.00			4.00			
Pulanahalli			1	4.00			4.00			
Dwarakanagar			1	4.00			4.00			
Shivapura			1	4.00			4.00			
Bellahalli			1	4.00			4.00			
Bellahalli			1	4.00			4.00			
Agrahara layout			1	4.00			4.00			
Thirumenahalli			1	4.00			4.00			
Gopalgowda, Thanisandra			1	4.00			4.00			
							36.00	each	400.00	14400.00
Quoted rate	400									
Supplying 6A flush/projected type socket and a 6 amps flush/ projected type SP switch either surface/flush mounting in a existing gang box or in a 4mm thick plastic sheet and fixing over a flush mounted wooden box and wiring using necessary capacity wires as required. b) 6Amps 3/5 way chapter-1 p.no.15.i.no.3.1.1										
RC Plant Unit										
Vinayakanagar			1				1.00			
Pulanahalli			1				1.00			

Supplying and fixing pbbc bakelight stright or slant batton holderand wiring within 60v/230volts lamp group A chapter -2 p.no.20.i.no.4.2										
RO Plant Unit										
Vinayakanagar			4				4.00			
Pallanahalli			4				4.00			
Dwarakanagar			4				4.00			
Shivapura			4				4.00			
Bellahalli			4				4.00			
Bellahalli			4				4.00			
Agrahara layout			4				4.00			
Thirumenahalli			4				4.00			
Jaigopalgowda, Thanisandra			4				4.00			
							36.00	**each**	**100.00**	**3600.00**
Quoted rate	100									
Supply patti type tube light fittings of 4'-28 watts fluorescent tube fittings made out of Ms sheet ans stove enameled with low loss open construction copper wound ferromagnetic ballast starter ,locking type brass contact holders mounted on double knot type sheet base fully wired for use on 230 volts AC supply including t5 lamp p.no.20 i.no.4.6										
RO Plant Unit										
Vinayakanagar			2				2.00			
Pallanahalli			2				2.00			
Dwarakanagar			2				2.00			
Shivapura			2				2.00			
Bellahalli			2				2.00			
Bellahalli			2				2.00			
Agrahara layout			2				2.00			
Thirumenahalli			2				2.00			
Jaigopalgowda, Thanisandra			2				2.00			
							18.00	**each**	**720.00**	**12960.00**
Quoted rate	720									
Supply wall mountaing fan suitable to operate of single phase -230v A.C supply 400mm sweep a.group A chapter p.no.78.i.no.9.4.2										
RO Plant Unit										
Vinayakanagar			1				1.00			
Pallanahalli			1				1.00			
Dwarakanagar			1				1.00			
Shivapura			1				1.00			
Bellahalli			1				1.00			
Bellahalli			1				1.00			
Agrahara layout			1				1.00			
Thirumenahalli			1				1.00			
Jaigopalgowda, Thanisandra			1				1.00			
							9.00	**each**	**2800.00**	**25200.00**
Quoted rate	2800									
Supplying decorative horizontal type street light fluorocent fitting weather and water proof complete complete with energy saving electronoc ballast etc., locking type brass contact holders with one number of 4ft 40watt flourcent tube completely wired for use on 230/250volts 50cycles AC supply with opel reeded parspex cover of bottom complete fitting 1x4'-28watts chapter -3 p.no.21.i.no.4.10.1										
RO Plant Unit										
Vinayakanagar			1				1.00			
Pallanahalli			1				1.00			
Dwarakanagar			1				1.00			
Shivapura			1				1.00			
Bellahalli			1				1.00			
Bellahalli			1				1.00			
Agrahara layout			1				1.00			
Thirumenahalli			1				1.00			
Jaigopalgowda, Thanisandra			1				1.00			
							9.00	**each**	**2000.00**	**18000.00**
Quoted rate	2000									
SUPPLING OF 2 PIN/4PIN 18W CFL LAMP p.no.30.i.no.4.38.18										
RO Plant Unit										
Vinayakanagar			2				2.00			
Pallanahalli			2				2.00			
Dwarakanagar			2				2.00			

Shivapura			2				2.00			
Bellahalli			2				2.00			
Bellahalli			2				2.00			
Agrahara layout			2				2.00			
Thirumenahalli			2				2.00			
Jaigopalgowda, Thanisandra			2				2.00			
							18.00	**each**	**150.00**	**2700.00**
Quoted rate	150									

Supply and fixing polished wood board made of not less than 15mm thick plank on both sides with plank made out of not more than 2 pices and fixing the same to the wall using tapered inverted woode plug screws etc., a) 20"x20"2.5" chapter 5 p.no.44 i.no.6.6.6

RO Plant Unit										
Vinayakanagar			2				2.00			
Pillamahalli			2				2.00			
Dwarakanagar			2				2.00			
Shivapura			2				2.00			
Bellahalli			2				2.00			
Bellahalli			2				2.00			
Agrahara layout			2				2.00			
Thirumenahalli			2				2.00			
Jaigopalgowda, Thanisandra			2				2.00			
							18.00	**each**	**350.00**	**6300.00**
Quoted rate	350									

Supplying and fixing of Procelain fuse channel with cut out on exisiting wooden/panel using necessary nuts, bolts and washers etc., complete.a) 32Amps champter 5 p.no.45.i.no.6.7.2

RO Plant Unit										
Vinayakanagar			6				6.00			
Pillamahalli			6				6.00			
Dwarakanagar			6				6.00			
Shivapura			6				6.00			
Bellahalli			6				6.00			
Bellahalli			6				6.00			
Agrahara layout			6				6.00			
Thirumenahalli			6				6.00			
Jaigopalgowda, Thanisandra			6				6.00			
							54.00	**each**	**200.00**	**10800.00**
Quoted rate	200									

Supply of an load charge over switches 4poles 415v 50Hz A.C supply with AC23A duty a) up to 63amps Groups A chapter 5 p.no.45.i.no.6.11.1

RO Plant Unit										
Vinayakanagar			1				1.00			
Pillamahalli			1				1.00			
Dwarakanagar			1				1.00			
Shivapura			1				1.00			
Bellahalli			1				1.00			
Bellahalli			1				1.00			
Agrahara layout			1				1.00			
Thirumenahalli			1				1.00			
Jaigopalgowda, Thanisandra			1				1.00			
							9.00	**each**	**5000.00**	**45000.00**
Quoted rate	5000									

Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and C type curve indicator ON/OFF Energy cross 3 with short circuit breaking capacity of 10K and complete wiring as required. e)5-63amps TPN . Group A chapter 5 p.no.47.i.no.6.16.6

RO Plant Unit										
Vinayakanagar			1				1.00			
Pillamahalli			1				1.00			
Dwarakanagar			1				1.00			
Shivapura			1				1.00			
Bellahalli			1				1.00			
Bellahalli			1				1.00			
Agrahara layout			1				1.00			
Thirumenahalli			1				1.00			
Jaigopalgowda, Thanisandra			1				1.00			

40-64amps TPN							9.00	each	2000.00	18000.00
Quoted rate	2000									
16-32amps TPN p.no.47.i.no.6.16.5										
RO Plant Unit										
Vinayakanagar			3				3.00			
Pulanahalli			3				3.00			
Dwarakanagar			3				3.00			
Shivapura			3				3.00			
Bellahalli			3				3.00			
Bellahalli			3				3.00			
Agrahara layout			3				3.00			
Thirumenahalli			3				3.00			
Gopalgowda, Thanisandra			3				3.00			
							27.00	each	1800.00	48600.00
Quoted rate	1800									
Supplying fixing and wiring Electronic10 to 40 amps Three phase 4wire class -1 Accuracy energy meter Group A chapter 5 pno 48.i.no.6.33										
RO Plant Unit										
Vinayakanagar			1				1.00			
Pulanahalli			1				1.00			
Dwarakanagar			1				1.00			
Shivapura			1				1.00			
Bellahalli			1				1.00			
Bellahalli			1				1.00			
Agrahara layout			1				1.00			
Thirumenahalli			1				1.00			
Gopalgowda, Thanisandra			1				1.00			
							9.00	each	5100.00	45900.00
Quoted rate	5100									
Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipments on the meter board using 40mm dia 2.90 thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proprotion of salt and charcoal 150mm alround the pipe to complete depth. the connection form the pipe to the conduit etc, is to be established through GI wire of size as oer ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and checknuts etc, the pipe shall have 16 through holes of 12mm dia.chapter 9.p.no.55.i.no.7.1											
RO Plant Unit										
Vinayakanagar			1	2.00			2.00			
Pulanahalli			1	2.00			2.00			
Dwarakanagar			1	2.00			2.00			
Shivapura			1	2.00			2.00			
Bellahalli			1	2.00			2.00			
Bellahalli			1	2.00			2.00			
Agrahara layout			1	2.00			2.00			
Thirumenahalli			1	2.00			2.00			
Gopalgowda, Thanisandra			1	2.00			2.00			
							18.00	NO	3000.00	54000.00
Quoted rate	3000									
Supplying and running of GI/Copper strips for grounding connections using necessary fixing material as required GI strip 25x3mm chapter 9 p.no.55.i.no 7.3.1										
RO Plant Unit										
Vinayakanagar			1	15.00			15.00			
Pulanahalli			1	15.00			15.00			
Dwarakanagar			1	15.00			15.00			
Shivapura			1	15.00			15.00			
Bellahalli			1	15.00			15.00			
Bellahalli			1	15.00			15.00			
Agrahara layout			1	15.00			15.00			
Thirumenahalli			1	15.00			15.00			
Gopalgowda, Thanisandra			1	15.00			15.00			
							135.00	mtrs	100.00	13500.00
Quoted rate	100									
Supplying of LT UG cable having aluminium conductor PVC insulated, sheathed, galvanished, steel wire/steel tap armoured cable with PVC outer sheating 1.1 KV class.I. Class 'A' PVC Cable.d) 4 core 16 sqmm chapter 9.p.no.55.i.no.7.4.4										
RO Plant Unit										
Vinayakanagar			1	17.00			17.00			

Pulanahalli			1	23.00			23.00			
Dwarakanagar			1	15.00			15.00			
Shivapura			1	25.00			25.00			
Bellahalli			1	35.00			35.00			
Bellahalli			1	35.00			35.00			
Agrahara layout			1	45.00			45.00			
Thirumenahalli			1	30.00			30.00			
Gangopalgowda, Thanisandra			1	12.00			12.00			
							237.00	**mtrs**	**200.00**	**47400.00**
Quoted rate	200									
Labour charges for lying of 1.1 KV class UG cable when supplied agency in existing trench GI pipe / stoneware pipe / on wall or pole as required. I. In existing trench/duct.a) 6 sqmm to 16 sqmm chapter 9.p.no.61.i.no.7.8.2a										
RC Plant Unit										
Vinayakanagar			1	17.00			17.00			
Pulanahalli			1	23.00			23.00			
Dwarakanagar			1	15.00			15.00			
Shivapura			1	25.00			25.00			
Bellahalli			1	35.00			35.00			
Bellahalli			1	35.00			35.00			
Agrahara layout			1	45.00			45.00			
Thirumenahalli			1	30.00			30.00			
Gangopalgowda, Thanisandra			1	12.00			12.00			
							237.00	**mtrs**	**20.00**	**4740.00**
Quoted rate	20									
Digging of trench of 0.6 m deep x 0.50 mtr wide refilling the trench to the required ground level and consolidating etc.complete. (SR KSRB I-7.9.1.1, P-62).a) In soil (ordinary)										
RC Plant Unit										
Vinayakanagar			1	10.00			10.00			
Pulanahalli			1	15.00			15.00			
Dwarakanagar			1	8.00			8.00			
Shivapura			1	18.00			18.00			
Bellahalli			1	28.00			28.00			
Bellahalli			1	28.00			28.00			
Agrahara layout			1	37.00			37.00			
Thirumenahalli			1	22.00			22.00			
Gangopalgowda, Thanisandra			1	6.00			6.00			
							172.00	**MTS**	**130.00**	**22360.00**
Quoted rate	130									
Supplying and fixing of class A (medium duty) GI pipe of wall thick ness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class. a) 40mm chapter 9.p.no.62.i.no.7.12.1										
RC Plant Unit										
Vinayakanagar			2	4.00			8.00			
Pulanahalli			2	4.00			8.00			
Dwarakanagar			2	4.00			8.00			
Shivapura			2	4.00			8.00			
Bellahalli			2	4.00			8.00			
Bellahalli			2	4.00			8.00			
Agrahara layout			2	4.00			8.00			
Thirumenahalli			2	4.00			8.00			
Gangopalgowda, Thanisandra			2	4.00			8.00			
							72.00	**mtrs**	**405.00**	**29160.00**
Quoted rate	405									
Supplying &fixing L.T.cast iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers ect.b) 16 Sqmm chapter 9.p.no.62.i.no.7.13.2										
RC Plant Unit										
Vinayakanagar			1				1.00			
Pulanahalli			1				1.00			
Dwarakanagar			1				1.00			
Shivapura			1				1.00			
Bellahalli			1				1.00			
Bellahalli			1				1.00			
Agrahara layout			1				1.00			
Thirumenahalli			1				1.00			
Gangopalgowda, Thanisandra			1				1.00			

							9.00	each	300.00	2700.00
Quoted rate	300									
Providing BESCOM deposits excuding ESCOM 3 pahse energy meter (as per intimation letter from ESCOMS) for 10hp 3phase power supply under LT-5 tariff.										
RO Plant Unit										
Vinayakanagar			1				1.00			
Pilanahalli			1				1.00			
Diwarakanagar			1				1.00			
Shivapura			1				1.00			
Bellahalli			1				1.00			
Bellahalli			1				1.00			
Agrahara layout			1				1.00			
Thirumenahalli			1				1.00			
Jaigopalgowda, Thanisandra			1				1.00			
							9.00	L.S	5500.00	49500.00
Quoted rate	5500									

BOREWELL

Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., as per Specification and direction **(P.47, I. 9.4) PRED SR 2012-13**

Basic Rate	1882									
Area Wt 3%	56.46									
Total	1938.46									
Quoted rate	2000									
Borewell										
Vinayakanagar			1				1.00			
Pilanahalli			1				1.00			
Diwarakanagar			1				1.00			
Shivapura			1				1.00			
Agrahara layout			1				1.00			
Thirumenahalli			1				1.00			
Borewell			1				1.00			
Thanisandra			1				1.00			
							8.00	each	2000.00	16000.00

Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.)

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Basic Rate	306									
Area Wt 3%	9.18									
Total	315.18									
Quoted rate	350									
0 to 50.00m										
Vinayakanagar			1	50.00			50.00			
Pilanahalli			1	50.00			50.00			
Diwarakanagar			1	50.00			50.00			
Shivapura			1	50.00			50.00			
Agrahara layout			1	50.00			50.00			
Thanisandra			1	50.00			50.00			
Borewell			1	50.00			50.00			
Thirumenahalli			1	50.00			50.00			
							400.00	m	350.00	140000.00
50 to 100 m										
Basic Rate	400									
Area Wt 3%	12									
Total	412									
Quoted rate	450									
Vinayakanagar			1	50.00			50.00			
Pilanahalli			1	50.00			50.00			
Diwarakanagar			1	50.00			50.00			

Srinivapura			1	50.00			50.00			
Agrahara layout			1	50.00			50.00			
Thamisandra			1	50.00			50.00			
Borewell			1	50.00			50.00			
Thirumenahalli			1	50.00			50.00			
							400.00	**m**	**450.00**	**180000.00**
101 to 150 m										
Basic Rate	445									
Extra Wt 3%	13.35									
Total	458.35									
Quoted rate	475									
Vinayakanagar			1	50.00			50.00			
Kolanahalli			1	50.00			50.00			
Eswarakanagar			1	50.00			50.00			
Srinivapura			1	50.00			50.00			
Agrahara layout			1	50.00			50.00			
Thamisandra			1	50.00			50.00			
Borewell			1	50.00			50.00			
Thirumenahalli			1	50.00			50.00			
							400.00	**m**	**475.00**	**190000.00**
151 to 200 m										
Basic Rate	470									
Extra Wt 3%	14.1									
Total	484.1									
Quoted rate	500									
Vinayakanagar			1	50.00			50.00			
Kolanahalli			1	50.00			50.00			
Eswarakanagar			1	50.00			50.00			
Srinivapura			1	50.00			50.00			
Agrahara layout			1	50.00			50.00			
Thamisandra			1	50.00			50.00			
Borewell			1	50.00			50.00			
Thirumenahalli			1	50.00			50.00			
							400.00	**m**	**500.00**	**200000.00**
201 to 250 m										
Basic Rate	544									
Extra Wt 3%	16.32									
Total	560.32									
Quoted rate	580									
Vinayakanagar			1	50.00			50.00			
Kolanahalli			1	50.00			50.00			
Eswarakanagar			1	50.00			50.00			
Srinivapura			1	50.00			50.00			
Thamisandra			1	50.00			50.00			
Borewell			1	50.00			50.00			
Agrahara layout			1	50.00			50.00			
							350.00	**m**	**580.00**	**203000.00**
251 to 300 m										
Basic Rate	583									
Extra Wt 3%	17.49									
Total	600.49									
Quoted rate	650									
Vinayakanagar			1	49.00			49.00			
Kolanahalli			1	31.00			31.00			
Eswarakanagar			1	60.00			60.00			
Srinivapura			1	49.00			49.00			
Thamisandra			1	161.00			161.00			
Borewell			1	50.00			50.00			
Agrahara layout			1	43.00			43.00			
							443.00	**m**	**650.00**	**287950.00**
Supply of ISI mark 175 mm nominal bore medium black ERW casing pipe of 5 mm thick black electric resistance continuous welded mild steel tube material confirming to IS 1387 / 1993 & manufactured from hot rolled steel skelp / stripes in random length of 4 to 7 mts both ends threaded confirming to IS 554 / 1985, one end fixed with a socket and the other and with a plastic protection end (including of all taxes) **SE PRED III NO 84**										
Vinayakanagar			1	57.93			57.93			

Pillanahalli			1	64.02			64.02			
Dwarakanagar			1	64.02			64.02			
Bhuvanagara			1	76.22			76.22			
Agrahara layout			1	64.02			64.02			
Thanisandra			1	56.00			56.00			
Borewell			1	50.00			50.00			
Thirumenahalli			1	64.02			64.02			
							496.24	**m**	**1500.00**	**744365.85**
Quoted rate	1500									
Providing 250mm dia PVC Pipe **BWSSB SR 14-15 PNO 53SL NO 1**										
Nayakanagar			1	18.00			18.00			
Pillanahalli			1	24.00			24.00			
Dwarakanagar			1	18.00			18.00			
Bhuvapura			1	17.00			17.00			
Bellahalli			1	18.00			18.00			
Agrahara layout			1	21.00			21.00			
Thirumenahalli			1	18.00			18.00			
Borewell			1	12.00			12.00			
Thanisandra			1	18.00			18.00			
							164.00			
							135.00	**Rmtr**	**1200.00**	**162000.00**
							29.00	**Rmtr**	**1191.47**	**34552.55**
Quoted rate	1200									
0.88% Above	1,191.47									
Providing 175mm dia ms casing cap **page no 111 it no 85 pred 12-13 sr**										
Basic Rate	100.00									
Excess Wt 3%	3.00									
Total	103.00									
Nayakanagar			1				1.00			
Pillanahalli			1				1.00			
Dwarakanagar			1				1.00			
Agrahara layout			1				1.00			
Thanisandra			1				1.00			
Borewell			1				1.00			
Thirumenahalli			1				1.00			
							7.00	**no**	**120.00**	**840.00**
Quoted rate	120									
Providing MS Casing pipe collars **page no 111 it no 86 pred 12-13 sr**										
Basic Rate	150.00									
Excess Wt 3%	4.50									
Total	154.50									
Quoted rate	175									
0.88% Above	173.01									
Nayakanagar			8				8.00			
Pillanahalli			9				9.00			
Dwarakanagar			9				9.00			
Bhuvapura			11				11.00			
Agrahara layout			9				9.00			
Thanisandra			9				9.00			
Borewell			8				8.00			
Thirumenahalli			9				9.00			
							72.00			
							67.50	**no**	**175.00**	**11812.50**
							4.50	**no**	**173.01**	**778.54**
Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / **Atalanta**/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings . PAGE NO **XXXXII**											
							0.00	**NO**	**74000.00**	**0.00**
Quoted rate	74000									

KSRB13-3.1: Providing and fixing to wall celling and floor glavanised/ mild steel tubes (medium grade 1.27 kg /mt) B class [illegible] mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all [illegible]s, labour charges, HOM of equipments and testing complete as per specifications. **(Page 90 ITEM NO 13.6)**										
Basic Rate	510.00									
[illegible]ea Weightage [illegible]%	30.60									
Total	**540.60**									
[illegible]ucted rate	600									
[illegible]mayakanagar			1	288.00			288.00			
[illegible]ulanahalli			1	270.00			270.00			
[illegible]warakanagar			1	300.00			300.00			
[illegible]grahara layout			1	276.00			276.00			
[illegible]hanisandra			1	336.00			336.00			
[illegible]orewell			1	275.00			275.00			
[illegible]hirumenahalli			1	186.00			186.00			
	Mtr						**1931.00**	**m**	**600.00**	**1158600.00**
[illegible]upplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with [illegible]exible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and Powder coated [illegible]xtrued PVC sheathed suitable for working voltage upto 1100 Volts as per IS - 694 ; 1990 AND CONFORMING TO gtp [illegible]FGROUP A P. No. 12/ I No. (2.10.4) 3cx 6.0 Sqm **KPWD Electrical SR 2014-15**										
[illegible]orewell										
[illegible]mayakanagar			2	288.00			576.00			
[illegible]ulanahalli			2	270.00			540.00			
[illegible]warakanagar			2	300.00			600.00			
[illegible]grahara layout			2	276.00			552.00			
[illegible]hirumenahalli			2	186.00			372.00			
[illegible]orewell			2	275.00			550.00			
[illegible]hanisandra			2	386.00			772.00			
[illegible]ower										
[illegible]mayakanagar			1	18.00			18.00			
[illegible]ulanahalli			1	20.00			20.00			
[illegible]warakanagar			1	12.00			12.00			
[illegible]grahara layout			1	18.00			18.00			
[illegible]hanisandra			1	15.00			15.00			
[illegible]orewell			1	25.00			25.00			
[illegible]hirumenahalli			1	30.00			30.00			
							4100.00	**m**	**220.00**	**902000.00**
[illegible]ucted rate	220									
[illegible]abour charges for erection of new/ repaired submersible pumpset along with gi pipes inculding transportion each length [illegible]pto 558 **ino 3 bwssb sr 14-15**										
[illegible]mayakanagar			47				47.00			
[illegible]ulanahalli			44				44.00			
[illegible]warakanagar			49				49.00			
[illegible]grahara layout			45				45.00			
[illegible]hanisandra			55				55.00			
[illegible]orewell			44				44.00			
[illegible]hirumenahalli			30				30.00			
							314.00	**no**	**100.00**	**31400.00**
[illegible]ucted rate	100									
[illegible]upplying and flush polished wood board with out front frount plank made of not less than 15mm thick plank after due groove [illegible]utting Finishing with necessary on **fixing the same to the wall using tapered** inverted wooden plugs screws etc., P No. [illegible]lic.6.6.6 **KPWD Electrical SR 2014-15**										
[illegible]mayakanagar			1				1.00			
[illegible]ulanahalli			1				1.00			
[illegible]warakanagar			1				1.00			
[illegible]grahara layout			1				1.00			
[illegible]hanisandra			1				1.00			
[illegible]orewell			1				1.00			
[illegible]hirumenahalli			1				1.00			
[illegible]0x20x2.5							**7.00**	**Each**	**325.00**	**2275.00**
[illegible]ucted rate	325									
[illegible]upplying of 1.1 KV LT UG cable having aluminium condutor PVC insulated shethed, EXTREDED INNER SHEATHRD [illegible]lvanised steel,stirp confirming IS 3975;1990 AND extruded PVC outer sheathing armoured cable IS 1554 part 1;1998 and [illegible]onfirming to GTP of group.**P No.55/ I No.7.4.4 (4 core 16 Sqmm) KPWD Electrical SR 2014-15**										

Borewell			1				1.00			
Thirumenahalli			1				1.00			
							7.00	**no**	**2900.00**	**20300.00**
Quoted rate	2900									
Supplying and fixing of Porcelain fuse channel with cut out on existing wooden / panel using necessary nuts, bolts and washer etc., complete.... **P No44/I No 6.7.4 KPWD Electrical SR 2014-15**										
100 Amps										
Vinayakanagar			3				3.00			
Pillanahalli			3				3.00			
Dwarakanagar			3				3.00			
Agrahara layout			3				3.00			
Thanisandra			3				3.00			
Borewell			3				3.00			
Thirumenahalli			3				3.00			
							21.00	**Each**	**400.00**	**8400.00**
Quoted rate	400									
Supplying and fixing of heavy duty glands for ug cable 1.1 kv etc., complete.... **P No62 I No 7.14.2 KPWD Electrical SR 2014-15**										
20mm dia										
Vinayakanagar			6				6.00			
Pillanahalli			6				6.00			
Dwarakanagar			6				6.00			
Agrahara layout			6				6.00			
Thanisandra			6				6.00			
Borewell			6				6.00			
Thirumenahalli			6				6.00			
Borewell										
Vinayakanagar			6				6.00			
Pillanahalli			6				6.00			
Dwarakanagar			6				6.00			
Agrahara layout			6				6.00			
Thanisandra			6				6.00			
Borewell			6				6.00			
Thirumenahalli			6				6.00			
							84.00	**Each**	**100.00**	**8400.00**
Quoted rate	100									
Supplying and fixing miniature circuit breakers/solaters on existing MCB distribution boards using necessary fixing materiasl wiring complete as requireds 5 to 32 amps triple pole with all lead and lift, loading, unloading and labour charges etc complete as per specifications **pno 47 IT 6.16.5 KPWD Electrical SR 2014-15**										
Vinayakanagar			1				1.00			
Pillanahalli			1				1.00			
Dwarakanagar			1				1.00			
Agrahara layout			1				1.00			
Thanisandra			1				1.00			
Borewell			1				1.00			
Thirumenahalli			1				1.00			
							7.00	**Each**	**1700.00**	**11900.00**
Quoted rate	1700									
Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm @ Rs.0.33 **P.No. 49, I. No.6.40.2 KPWD Electrical SR 2014-15**										
Vinayakanagar			2	220.00	60.00		26400.00			
			1	450.00	25.00		11250.00			
Pillanahalli			2	220.00	60.00		26400.00			
			1	450.00	25.00		11250.00			
Dwarakanagar			2	220.00	60.00		26400.00			
			1	450.00	25.00		11250.00			
Agrahara layout			2	220.00	60.00		26400.00			
			1	450.00	25.00		11250.00			
Thanisandra			2	220.00	60.00		26400.00			
			1	450.00	25.00		11250.00			
Borewell			2	220.00	60.00		26400.00			

			1	450.00	25.00		11250.00			
Thirumenahalli			2	220.00	60.00		26400.00			
			1	450.00	25.00		11250.00			
16SWG							**263550.00**	**Sq.Cm**	**0.38**	**100149.00**
Quoted rate	0.38									

KSRB 13-7.1-4: Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications NO KBS 13.2.16 / 13.13 **Page No.90 Item No. 13.55 / PWD SR 2016-17**

Basic Rate	1496.00									
Area Wt@ 6%	89.76									
Total	**1585.76**									
Quoted rate	1700									
Vinayakanagar			1				1.00			
Palanahalli			1				1.00			
Dwarakanagar			1				1.00			
Agrahara layout			1				1.00			
Thanisandra			1				1.00			
Borewell			1				1.00			
Thirumenahalli			1				1.00			
							7.00	**NOS**	**1700.00**	**11900.00**

Providing NP/CP waste unions conforming to ISI specifications and fixing them in position as per directions including cost of materials, fixtures and conveyance to work spot etc., complete. **P. No.92/ I. No. 13.81.3 PWD SR**

Basic Rate	215.00									
Area Wt@ 6%	12.90									
Total	**227.90**									
Quoted rate	300									
Vinayakanagar			2				2.00			
Palanahalli			2				2.00			
Dwarakanagar			2				2.00			
Agrahara layout			2				2.00			
Thanisandra			2				2.00			
Borewell			2				2.00			
Thirumenahalli			2				2.00			
50mm dia							**14.00**	**NOS**	**300.00**	**4200.00**

Gate value 50 mm nominal bore gun metal **P. No.xxiii sl No. 673 PWD SR**

Vinayakanagar			3				3.00			
Palanahalli			3				3.00			
Dwarakanagar			3				3.00			
Agrahara layout			3				3.00			
Thanisandra			3				3.00			
Borewell			3				3.00			
Thirumenahalli			3				3.00			
50mm dia							**21.00**	**NOS**	**1750.00**	**36750.00**
Quoted rate	1750									

NIPPLE 50 mm nominal bore gun metal **P. No.xxXIXiii FITTINGS PWD SR**

Vinayakanagar			1				1.00			
Palanahalli			1				1.00			
Dwarakanagar			1				1.00			
Agrahara layout			1				1.00			
Thanisandra			1				1.00			
Borewell			1				1.00			
Thirumenahalli			1				1.00			
50mm dia							**7.00**	**NOS**	**125.00**	**875.00**
Quoted rate	125									

'S' BEND 50 mm nominal bore gun metal **P. No.xxXIXiii FITTINGS PWD SR**

Vinayakanagar			3				3.00			
Palanahalli			3				3.00			
Dwarakanagar			3				3.00			
Agrahara layout			3				3.00			
Thanisandra			3				3.00			
Borewell			3				3.00			
Thirumenahalli			3				3.00			
50mm dia							**21.00**	**NOS**	**230.00**	**4830.00**

Quoted rate	230									
TEE 50 mm nominal bore gun metal **P. No.xxXIXiii FITTINGS PWD SR**										
Vinayakanagar			1				1.00			
Palanahalli			1				1.00			
Dwarakanagar			1				1.00			
Agrahara layout			1				1.00			
Thanisandra			1				1.00			
Borewell			1				1.00			
Thirumenahalli			1				1.00			
50mm dia							**7.00**	**NOS**	**175.00**	**1225.00**
Quoted rate	175									

Supplying and delivery at site brand new star / Essen/ Lotus/Sun-shines/Adarsh/ GK Controls best indigenous make combined energy meter - cum- control panel board unit of size 600x450 x200 mm minimum mechanically strong vermin and water proof. The unit shall have two detachable doors suitable for operation on 3 ph, 50Hz, 380/440 volts, A.C supply with spring loaded latch, locking device with a key ribs should be provided inside the door, canopy apron and louvers ventilators shall be provided. the combined energy meter cum- control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitable pumpset.
PRED Bangalore Circle SE Approved Date 30.07.2010 15HP to 30 HP Star Delta Starter

Vinayakanagar			1				1.00			
Palanahalli			1				1.00			
Dwarakanagar			1				1.00			
Agrahara layout			1				1.00			
Thanisandra			1				1.00			
Borewell			1				1.00			
Thirumenahalli			1				1.00			
							7.00	**NOS**	**12000.00**	**84000.00**
Quoted rate	12000									

Earth work excavation for foundation of buildings, culverts, water supply, sanitary lines and electrical conduits either in pits or in trenches, 1.5m and above in width, in ordinary soil, exceeding 1.5m in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with all lead upto 50m after breaking of clods complete as per specifications **.(P.No.5, I.No.2.1) (SR of PWD)**

Basic Rate	157.00									
Area Wt@ 6%	9.42									
Total	**166.42**									
Quoted rate	185									
Vinayakanagar			1	38.00	0.70	0.80	21.28			
Palanahalli			1	366.00	0.70	0.80	204.96			
			1	400.00	0.70	0.80	224.00			
Dwarakanagar			1	8.00	0.70	0.80	4.48			
Shivapura			1	400.00	0.70	0.80	224.00			
Agrahara layout			1	100.00	0.70	0.80	56.00			
Thirumenahalli			1	456.00	0.70	0.80	255.36			
Borewell			1	100.00	0.75	0.80	60.00			
Thanisandra			1	100.00	0.75	0.80	60.00			
							1110.08	**Cum**	**185.00**	**205365.00**

Providing and installing at site of work pvc pipes including cost of pipes and special and labour including lowering into trenches laying true to line level and prefect linking at joints, leak proof including jointing of approved type with all labour and lift charges handling charges including encasing the pipes all round to a depth not less than 15 cms with gravel or selected earth available from the excavation etc. complete PVC pipe of 6kg/cm2 63mm (0.662) (Page no.14, Item No.3.4.2 a) (SR of PRED)

Basic Rate	112.00									
Area Wt 3%	3.36									
Total	**115.36**									
Quoted rate	140									
Vinayakanagar			1	38.00			38.00			
Palanahalli			1	366.00			366.00			
			1	400.00			400.00			
Dwarakanagar			1	8.00			8.00			
Shivapura			1	400.00			400.00			
Agrahara layout			1	100.00			100.00			
Thirumenahalli			1	456.00			456.00			
Borewell			1	100.00			100.00			
Thanisandra			1	100.00			100.00			
							1968.00	**m**	**140.00**	**275520.00**

SRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms in depth, compacting each deposited layer by ramming after watering with a lead upto 50m and lift upto 1.5m including all labour complete as per specifications Specification No.KBS 2.1 **.(Page No.6, Item No. 2.10)**										
Basic Rate	127.00						1110.08	Cum	125.00	138760.00
Area Wt@ 6%	7.62									
Total	**134.62**									
Quoted rate	125									
BESCOM Deposit			7				7.00	Ls	11500.00	80500.00
Quoted rate	11500									
EIRL										
Coin Box with motor			9				9.00	Each	56000.00	504000.00
Data rate	56000									
Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick and Finishing cutting ,including form work,curing,including cost of alll materials, labour,hire charges of machinery,loading,unloading,lead and lift,transportation etc ,copmplete.										
			1	6.75	0.90		6.08	sqm	2100.00	12757.50
Data rate	2100									
Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / **Atalanta**/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings . PAGE NO **XXXXII**											
Palanahalli			1				1.00			
							1.00	**NO**	**50167.04**	**50167.04**
Quoted rate	74000	11.98 % above								
10 HP, 16 Stgae	44800	50167.04								
3 Supply and delivery at site brand New texmo/ innoval/ Lubi/ Sabar / **Atalanta**/ Calamal/ make suitable for vertical installation in 150mm dia bore well comprising of single stage or multistage CF pump close coupled by measns of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for opertation of 3PH., 50 Hz, 380/440 volts AC supply fitted with required aqccessories such as suction, casing suction strainers sand guard Non return value etc. complete . The pump and motor shall form an integral unit with all the required fittings . PAGE NO **XXXXII**											
Vinayakanagar			1				1.00			
Dwarakanagar			1				1.00			
Agrahara layout			1				1.00			
Thanisandra			1				1.00			
Borewell			1				1.00			
Thirumenahalli			1				1.00			
							6.00	**NO**	**67635.92**	**405815.52**
Quoted rate	74000	11.98 % above								
12 HP, 25 Stgae	60400	67635.92								
							SUB TOTAL		**RS.**	**15118232.81**
									Miscellaneous & Rounding off	**288**
									Grand total	**15118521**

Certificate

1. The workspot was inspected and works is found to be necessary.
2. The area comes within the Bruhat Bangalore Mahanagara Palike limits.
3. The rates adopted based on the PWD SR,Bangalore circle for year 2016-2017.and Data Rates

Assistant Engineer,
Yelahanka Project Division

Asst. Exec. Engineer,
Yelahanka Project Division

Executive Engineer,
Yelahanka Project Division

Technical Sanction
Accorded For RS 15118521.00
Head of A/C P 3119
CER NO IS/247/17-18 DT 10.10.2017

TA CE (YNK)
ಮುಖ್ಯ ಅಭಿಯಂತರರು
ಯಲಹಂಕ ವಲಯ
ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ